

73049-494

07/09/2013

1/10



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg. Number:
73049-494

Date of Issuance:
JUL 9 2013

Term of Issuance:
Unconditional

Name of Pesticide Product:
VBC3 Aerosol

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(Under FIFRA as amended)

Name and Address of Registrant (include ZIP Code):

Valent Biosciences Corporation
870 Technology Way
Libertyville, IL 60048

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided:

1. You will submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. The acute toxicity studies were reviewed and classified as acceptable. The acute toxicity profile for this product is:

Acute Toxicity Study

Toxicity Category

| Acute Toxicity Study | Toxicity Category | Acceptability |
|---------------------------|-------------------|-------------------|
| Acute Oral | IV | Acceptable -cited |
| Acute Dermal | IV | Acceptable -cited |
| Acute Inhalation | IV | Acceptable -cited |
| Primary Eye Irritation | IV | Acceptable |
| Primary Dermal Irritation | IV | Acceptable -cited |
| Dermal Sensitization | Negative | Acceptable -cited |

Continued on the next page

Signature of Approving Official

Richard Geeken, Product Manager, RD/IB (7505P)

Date:

JUL 9 2013

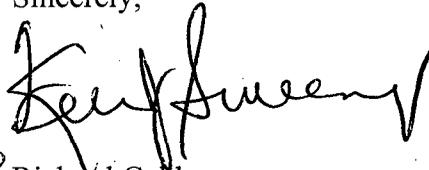
2/
1b

3. Revise the EPA Registration Number to read "EPA Reg. No.73049-494".
4. The basic Confidential Statement of Formula (CSF) dated November 13, 2012 is acceptable and is the basic CSF of record.

Please submit two (2) copies of your final printed labeling before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this registration, please contact Kevin Sweeney at (703) 305-5063. Thank you for your cooperation in this matter.

Sincerely,



 Richard Gebken
Product Manager
Insecticides Branch
Registration Division (7505P)

Enclosure

VBC3 Aerosol

- Kills Bed Bugs and Bed Bug Eggs
- [Scientifically] Formulated to kill Pyrethroid-resistant [Field] [and] [Wild] Bed Bug strains
- Kills [all bed bug life stages] [entire bed bug lifecycle] by contact
- [Kills] [Controls] [and] [Targets] all Bed Bug Life Stages: adults, nymphs and eggs
- Kills Bed Bugs on surfaces for up to 4 weeks
- Reduces [Prevents] pyrethroid-resistant and susceptible Bed Bug egg hatch
- Residual Control [and] [Kill] for up to 4 weeks [30 days] [1 month] begins working within minutes of exposure [application]
- Effective for at least 30 days Post [After] Application
- Direct contact provides control in less than 5 minutes as shown by independent testing
- Fast [Quick] Knockdown and Kill
- Multimode action and control
- For Homeowners Use
- Easy to Use Aerosol
- Ready [Convenient] to Use
- Includes crack and crevice applicator
- No ozone depleting propellents
- Approved for direct application on [onto] mattresses and other upholstered furnishings
- Non-staining
- No visible residue
- Low odor
- Non-repellent
- Unique water-based formula
- Unique blend of active ingredients to [control] [and] [kill] resistant Bed Bugs

EPA Reg. No. 73049-

EPA Est. No. xx-x

ACTIVE INGREDIENTS:

| | |
|---------------------------------|---------------|
| Clothianidin..... | 0.40% |
| Metofluthrin..... | 0.01% |
| Piperonyl Butoxide*..... | 1.00% |
| OTHER INGREDIENTS: | <u>98.59%</u> |
| | 100.00% |

*(butylcarbityl) (6-propylpiperonyl) ether and related compounds

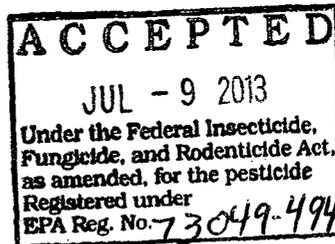
KEEP OUT OF REACH OF CHILDREN

See attached booklet [inside label][back panel] for additional precautionary statements [and directions for use].

PRECAUCION AL CONSUMIDOR: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

Net Contents: 17 fl. ounces



4/10

| FIRST AID | |
|---|--|
| IF IN EYES: | <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. • Call a poison control center for treatment advice. |
| IF ON SKIN OR CLOTHING: | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice. |
| HOT LINE NUMBER | |
| <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this product (including health concerns, medical emergencies or pesticide incidents), you may call 1-877-315-9819 or outside the US call 1-651-632-6184.</p> | |

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

PHYSICAL AND CHEMICAL HAZARDS

Contents are under pressure. Do not use or store near heat, sparks or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Keep product from freezing. Do not apply this product in, on or around electrical equipment due to the possibility of shock hazard.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

[READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.]

SHAKE WELL BEFORE EACH USE

HOLD CONTAINER UPRIGHT WITH NOZZLE POINTED AWAY FROM YOU. PRESS VALVE AND SPRAY FROM A DISTANCE OF 8 TO 10 INCHES. SPRAY UNTIL DAMP. USE THE CONVENIENT APPLICATOR FOR CRACK AND CREVICE TREATMENT.

FOR INDOOR USE ONLY

VBC₃ Aerosol effectively kills all stages of bed bugs in residential structures. **VBC₃ Aerosol's** technology provides residual control for up to four weeks after application and is formulated to target pyrethroid resistant [wild] [and] [field] as well as susceptible bed bug strains. **VBC₃ Aerosol** also kills bed bug nymphs and eggs by contact. Apply **VBC₃ Aerosol** as an indoor crack and crevice, spot treatment, or direct spray application (according to application instructions) in non-food areas including but not limited to: residential, vehicles, apartments, and kennels. This product will not stain water-safe fabrics or surfaces, however care should be taken to test an inconspicuous area for staining prior to use.

TO KILL BED BUGS (Adults, Nymphs and Eggs): For best results, vacuuming surfaces is recommended prior to treatment. Spray bed bugs and eggs directly wherever possible. Spray surfaces thoroughly, paying special attention to areas where bed bugs and their eggs hide including on and around baseboards, floorboards, millwork, bed frames, headboards, wall hangings, furniture, door and window frames, walls, closets, window treatments, beneath floor coverings, as well as other non-washable items that may come in contact with bed bugs such as luggage, shoes and backpacks. If treating a pet's living

environment, spray on and around pet beds, bedding, floors, sleeping areas and furnishings. Do not spray product directly on pets. Allow treated surfaces to dry thoroughly prior to be being contacted by people or pets.

MATTRESS, CARPET AND UPHOLSTERED FURNITURE APPLICATION: VBC₃ Aerosol can be directly applied to mattresses and box springs. Infested bed linens should not be treated. These should be removed, tightly sealed in a plastic bag, laundered and dried at high temperatures prior to re-use. Vacuuming surfaces prior to treatment is highly recommended. Spray product directly to mattress surface paying special attention to seams, folds, tufts and edges as well as bed frames and box springs where bed bugs harbor. Clean linen should be put on bed prior to reuse. For use on upholstered furniture, spray directly to seams, folds, tufts and edges. Allow treated surfaces to dry thoroughly prior to be being contacted by people or pets. When treating carpets, floor coverings or rugs, spray on and around baseboards, floorboards and along edges of carpeting. Apply enough product to get spray coverage to the bottom of the carpet and pad where bed bug larvae may be feeding. Spray under rugs.

USE RESTRICTIONS

- THIS PRODUCT IS NOT FOR USE ON HUMANS OR ANIMALS
- In the home, all food/feed processing surfaces and utensils should be covered during treatment, or thoroughly washed before use. Cover or remove exposed food/feed.
- Remove pets, birds and cover fish aquariums before spraying.
- This product will not stain water-safe fabrics and surfaces, however care should be taken to test an inconspicuous area for staining prior to use.
- DO NOT allow adults, children or pets to enter treated area until sprays are dry
- DO NOT apply to plants or crops
- DO NOT treat areas when occupants are present
- DO NOT apply as a space spray
- DO NOT wet articles to the point of runoff or drip
- DO NOT use treated articles until spray has dried

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
Pesticide Storage: Do not store near heat or open flame. Store in cool dry area away from children. Keep from freezing.
Container Disposal: Do Not Puncture or Incinerate! *If empty:* Place in trash or offer for recycling if available. [This container may be recycled in an aerosol recycling centers. At present, there are only a few such centers in the country. Before offering for recycling, empty the can by using the product according to the label.] *If partly filled:* Call your local solid waste agency or [1-877-315-9819] for disposal instructions.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.
CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Valent BioSciences Corporation. All such risks shall be assumed by the user or buyer.
DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, VALENT BIOSCIENCES CORPORATION MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT

EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Valent BioSciences Corporation is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Valent BioSciences Corporation disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT VALENT BIOSCIENCES CORPORATION'S ELECTION, THE REPLACEMENT OF PRODUCT.

[Or alternate text

Note [Notice]: Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.]

[Manufactured For:]
Valent BioSciences Corporation
Environmental Science Division
870 Technology Way
Libertyville, IL 60048
1-877-315-9819

© 2012 Valent BioSciences Corporation. All rights reserved.

[] Denotes alternate text in addition to any sub-set of the directions for use.

VBC3 Aerosol

- Kills Bed Bugs and Bed Bug Eggs
- [Scientifically] Formulated to kill Pyrethroid-resistant [Field] [and] [or] [Wild] Bed Bug strains
- Kills [all bed bug life stages] [entire bed bug lifecycle] by contact
- [Kills] [Controls] [and] [Targets] all Bed Bug Life Stages: adults, nymphs and eggs
- Kills Bed Bugs on surfaces for up to 4 weeks
- Reduces [Prevents] pyrethroid-resistant and susceptible Bed Bug egg hatch
- Residual Control [and] [Kill] for up to 4 weeks [30 days] [1 month] begins working within minutes of exposure [application]
- Effective for at least 30 days Post [After] Application
- Direct contact provides control in less than 5 minutes as shown by independent testing
- Fast [Quick] Knockdown and Kill
- Multimode action and control
- Recommended for use only by [Pest Control Operators] [Pest Management Professionals] [Commercial Applicators]
- For use in Residential, [Institutional,] [Commercial,] [Military] and [Government] Facilities
- Easy to Use Aerosol
- Ready [Convenient] to Use
- Includes crack and crevice applicator
- No ozone depleting propellants
- Approved for direct application on [onto] mattresses and other upholstered furnishings
- Use as part of your existing Bed Bug control program
- Non-staining
- No visible residue
- Low odor
- Non-repellent
- Unique water-based formula
- Unique blend of active ingredients to [control] [and] [kill] resistant Bed Bugs

EPA Reg. No. 73049-

EPA Est. No. xxx

ACTIVE INGREDIENTS:

| | |
|--------------------------|-------|
| Clothianidin..... | 0.40% |
| Metofluthrin..... | 0.01% |
| Piperonyl Butoxide*..... | 1.00% |

| | |
|---------------------------------|---------|
| OTHER INGREDIENTS: | 98.59% |
| | 100.00% |

*(butylcarbityl) (6-propylpiperonyl) ether and related compounds

KEEP OUT OF REACH OF CHILDREN

See attached booklet [inside label][back panel] for additional precautionary statements [and directions for use].

PRECAUCION AL CONSUMIDOR: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

Net Contents: 17 fl. Ounces

| FIRST AID | |
|--|--|
| IF IN EYES: | <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. • Call a poison control center for treatment advice. |
| IF ON SKIN OR CLOTHING: | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice. |
| HOT LINE NUMBER | |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this product (including health concerns, medical emergencies or pesticide incidents), you may call 1-877-315-9819 or outside the US call 1-651-632-6184. | |

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeve shirt
- Long pants, and
- Shoes and socks

User Safety Requirements

- Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.
- Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

PHYSICAL AND CHEMICAL HAZARDS

Contents are under pressure. Do not use or store near heat, sparks or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Keep product from freezing. Do not apply this product in, on or around electrical equipment due to the possibility of shock hazard.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

[READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.]

SHAKE WELL BEFORE EACH USE

HOLD CONTAINER UPRIGHT WITH NOZZLE POINTED AWAY FROM YOU. PRESS VALVE AND SPRAY FROM A DISTANCE OF 8 TO 10 INCHES. SPRAY EACH SQUARE FOOT FOR 5 SECONDS OR UNTIL DAMP. USE THE CONVENIENT APPLICATOR FOR CRACK AND CREVICE TREATMENT.

FOR INDOOR USE ONLY

9/10

VBC₃ Aerosol effectively kills bed bugs in residential, [industrial,] [commercial,] [military] and [government] buildings and structures. **VBC₃ Aerosol's** technology provides residual control for up to four weeks after application and is formulated to target pyrethroid resistant [wild] [and] [field] as well as susceptible bed bug strains. **VBC₃ Aerosol** also kills bed bug nymphs and eggs by contact. Apply **VBC₃ Aerosol** as an indoor crack and crevice, spot treatment, or direct spray application (according to application instructions) in non-food areas including but not limited to: hotels, shelters, modes of transportation, restaurants, schools, nursing homes, warehouses, offices, apartments, motels, kennels, and hospitals. This product will not stain water-safe fabrics or surfaces, however care should be taken to test an inconspicuous area for staining prior to use.

TO KILL BED BUGS (Adults, Nymphs and Eggs): For best results, vacuuming surfaces is recommended prior to treatment. Spray bed bugs and eggs directly wherever possible. Spray surfaces thoroughly, paying special attention to areas where bed bugs and their eggs hide or harbor such as in and around non-food areas including on and around baseboards, floorboards, millwork, bed frames, headboards, wall hangings, furniture, door and window frames, walls, closets, window treatments, beneath floor coverings, as well as other non-washable items that may come in contact with bed bugs, such as luggage, shoes and backpacks. If treating a pet's living environment, spray on and around pet beds, bedding, floors, sleeping areas and furnishings. Do not spray product directly on pets. Allow treated surfaces to dry thoroughly prior to being contacted by people or pets.

MATTRESS, CARPET AND UPHOLSTERED FURNITURE APPLICATION: **VBC₃ Aerosol** can be directly applied to mattresses and box springs. Infested bed linens should not be treated. These should be removed, tightly sealed in a plastic bag, laundered and dried at high temperatures prior to re-use. Vacuuming surfaces prior to treatment is highly recommended. Spray product directly to mattress surface paying special attention to seams, folds, tufts and edges as well as bed frames and box springs where bed bugs harbor. Clean linen should be put on bed prior to reuse. For use on upholstered furniture, apply product directly to seams, folds, tufts and edges. Allow treated surfaces to dry thoroughly prior to being contacted by people or pets.

When treating carpets, floor coverings or rugs, spray on and around baseboards, floorboards and along edges of carpeting. Apply enough product to get spray coverage to the bottom of the carpet and pad where bed bug larvae may be feeding. Spray under rugs.

USE RESTRICTIONS

- THIS PRODUCT IS NOT FOR USE ON HUMANS OR ANIMALS
- Do not use in commercial food/feed processing, preparation, food/feed storage or serving areas.
- In the home, all food/feed processing surfaces and utensils should be covered during treatment, or thoroughly washed before use. Cover or remove exposed food/feed.
- Remove pets, birds and cover fish aquariums before spraying.
- This product will not stain water-safe fabrics and surfaces, however care should be taken to test an inconspicuous area for staining prior to use.
- DO NOT allow adults, children or pets to enter treated area until sprays are dry
- DO NOT apply to plants or crops
- DO NOT treat areas when occupants are present
- DO NOT apply as a space spray
- DO NOT wet articles to the point of runoff or drip
- DO NOT use treated articles until spray has dried

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Do not store near heat or open flame. Store in cool dry area away from children. Keep from freezing.

Pesticide Disposal: Waste resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Disposal: Do Not Puncture or Incinerate! **If empty:** Place in trash or offer for recycling if available. [This container may be recycled in an aerosol recycling centers. At present, there are only a few such centers in the country. Before offering for recycling, empty the can by using the product according to the label.] **If partly filled:** Call your local solid waste agency or [1-877-315-9819] for disposal instructions.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product.

Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Valent BioSciences Corporation. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, VALENT BIOSCIENCES CORPORATION MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Valent BioSciences Corporation is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Valent BioSciences Corporation disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT VALENT BIOSCIENCES CORPORATION'S ELECTION, THE REPLACEMENT OF PRODUCT.

[Or alternate text

Note [Notice]: Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.]

[Manufactured For:]

Valent BioSciences Corporation
Environmental Science Division
870 Technology Way
Libertyville, IL 60048
1-877-315-9819

© 2012 Valent BioSciences Corporation. All rights reserved.

[] Denotes alternate text in addition to any sub-set of the directions for use.